

STATEMENT OF WORK (SOW)
For the Rebuild of the
TRANSPONDER SET, AN/PPN-19(V)2
NSN 5895-01-195-1199
P/N: C5083030 CAGE: 94990

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STATEMENT OF WORK FOR THE
Rebuild of the Transponder Set (AN/PPN-19(V)2)
 NSN 5895-01-195-1199

1.0 SCOPE. This Statement of Work (SOW) identifies the work effort that shall be performed by the contractor to rebuild the Transponder Set (AN/PPN-19(V)2), NSN 5895-01-195-1199 and the following Secondary Depot Repairables (SDR's):

<u>Nomenclature</u>	<u>NSN</u>
Amplifier-Detector Assembly, J-Band	5895-01-175-0938
Battery Box, CY-8412/PPN-19 (V)2	6160-01-175-0921
Circuit Card Assembly, Mother Board	5998-01-175-0955
Circuit Card Assembly, Microprocessor	5998-01-175-0956
Circuit Card Assembly, Panel Interface	5998-01-175-0958
Modulator Group, RADAR, I-Band	5840-01-291-8365
Detector Assembly, K-Band	5895-01-178-2303
Circuit Card Assembly, Encoder Control	5998-01-175-0957

1.1 Background. Rebuild is defined as "That maintenance technique to restore an item to a standard as near as possible to original or new condition in appearance, performance, and life expectancy. This is accomplished through a maintenance technique or complete disassembly of the item, inspection of all parts or components, repairs or replacement of worn or unserviceable elements using original manufacturing tolerances and/or specifications and subsequent reassembly of the items."

2.0 Applicable Documents. The following documents form a part of this SOW to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the DoD Index of Specifications and Standards (DoDISS) and supplement thereto which is in effect on the date of solicitation. In the event of conflict between the documents referenced herein and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

2.1 Military Standard

MIL-STD-129	DoD Standard Practice for Military Marking
MIL-STD-2073-1D	DoD Standard Practice for Military Packaging

2.2 Other Government Publications

RS 5840-00&P/3	Dtd June 1990, Rebuild Standard for Transponder Sets
DoD 4000.25-1-M	MILSTRIP Manual

NAVICP NST 4491.2A	NAVICP Instruction Requisitioning of Contractor Furnished Material from the Federal Supply System
AG00000 000	Special Packaging Instruction (SPI)
AG00000 001	Special Packaging Instruction (SPI)

Military Handbooks (For Guidance)

MIL-HD 3K-61	Configuration Management Guidance
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2.3 Industry Standard

JESD625-A	Requirements for Handling Electrostatic- Discharge Sensitive (ESDS) Devices
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ANSI/ISO/ASQC Q9003-1994	Quality Systems-Model for Quality Assurance in Final Inspection and Test
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Industry Standards (For Guidance)

ANSI/ELC-649	National Consensus Standard for Configuration Management
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Copies of Military Standards and Specifications are available from the DOD Single Stock Point, Document Automation and Production Service, Building 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, Telephone (215) 697-2179 or DSN 442-2179, or <http://www.dodssp.daps.mil>. Copies of other government documents and publications required by contractors in connection with specific SOW requirements shall be obtained through the contracting officer: Commander, Marine Corps Logistics Bases (Code 891), 814 Radford Blvd., Albany, Georgia 31704-1128, commercial telephone number (229) 639-6753 or DSN 567-6753. Copies of engineering drawings, if applicable, shall be obtained from Life Cycle Management Center, Attn: Code 851-3, 814 Radford Blvd. SE FE 20320, Albany, GA 31704-0320, commercial telephone number (229) 639-6410 or DSN 567-6410.

3.0 Requirements

3.1 The contractor shall rebuild the Transponder Set and the following Secondary Depot Repairables (SDR's) in accordance with RS-5840-50 & P/3.

<u>Nomenclature</u>	<u>NSN</u>
Amplifier-Detector Assembly, J-Band	5895-01-175-0938
Battery Box, CY-8412/PPN-19 (V)2	6160-01-175-0921

Circuit Card Assembly, Mother Board	5998-01-175-0955
Circuit Card Assembly, Microprocessor	5998-01-175-0956
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3.2 Quality acceptance and test procedures shall be in accordance with RS-5840-50 & P/3.

3.3 Tailor RS-5840-50 & P/3 Electrostatic Discharge (ESD) Standards to *JESDA625-A*.

3.4 Configuration Control. *The contractor shall apply configuration control procedures to established configuration items. The contractor shall not implement configuration changes to an item's documented performance or design characteristics without prior written authorization. If it is necessary to temporarily depart from the authorized configuration, the contractor shall prepare and submit a Request For Deviation. MIL-HDBK-61 (paragraph 4.3 and Table 4-9) and ANSI/EIA-649 (paragraph 5.3.4) provide guidance for preparing this configuration control document.*

3.5 Quality Assurances Provisions. The contractor shall provide and maintain a Quality System that as a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9003-1994, Quality Systems-Model for Quality Assurance in Final Inspection and Test.

3.6 Packaging, Handling, Storage and Transportation (PHS&T).

a. The Contractor shall be responsible for preservation and packaging of items being rebuilt under the terms of this statement of work. The Transponder Set, AN/PPN-19 if scheduled for long term storage or shipment to overseas destinations shall be preserved to the Level "A" requirements of MIL-STD-2073-1D, Method 42. Items scheduled for domestic shipment, immediate use or short-term storage shall be to level B requirements. The Sub components of the Transponder Set (except Circuit Card Assemblies) shall be preserved to the requirements of SPI AG00000600. The Circuit Card Assemblies shall be preserved to the requirements of SPI AG00000601. All items subject to electrostatic discharge shall be packed into a reusable fast pack container.

b. Marking shall be in accordance with MIL-STD-129.

c. The Marine Corps will provide the contractor with the shipping address(es) for delivery of the rebuilt equipment. The contractor shall be responsible for arranging for shipment to the pre-designated site(s). The Marine Corps will be responsible for transportation costs associated with shipping the subject equipment to and from the Contractor.

3.7 Government Furnished Equipment/Government Furnished Materiel (GFE/GFM). GFE is government owned equipment authorized by contract for use by a commercial/government contractor. It is neither consumed during production nor incorporated into any product. GFM is materiel furnished to a contractor that will be consumed during the course of production or incorporated into product being manufactured/ remanufactured under a contract/statement of work. In the event the contractor does have GFE/GFM requirements, the Management Control Activity (MCA/827-2), Marine Corps Logistics Bases, Albany, Georgia, will coordinate required GFE and will maintain a central control on Marine Corps assets in the Contractor's possession. The MCA will forward a GFE Accountability agreement to the Contractor Facility for signature to establish a chain of custody and property responsibilities for Marine Corps assets. The Contractor shall report receipt of all GFM and report consumption of GFM to the MCA.

3.8 Contractor Furnished Materiel (CFM). The Marine Corps has adopted the Navy's procedures regarding Contractor Furnished Materiel (NAVICPINST 4491.2A). In the event that Contractor Furnished Materiel is required for repair parts, the contractor shall requisition through the DOD Supply System. DOD 4000.25-1-M, (MILSTRIP) Chapter 11 authorizes contractors to requisition through the DoD Supply System.

